DS-PCIE-100

User Manual

Ver. 2.00

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Features and Benefits

Features	● Compliant with PCI Express Base Specification 1.0a ● Supports 2 x 16550 Fast UART serial ports ● Serial data transfer rate up to 115200bps ● Support Windows® 2000, XP, Server 2003, Vista
Bus	● PCI-Express X1
Connectors	● 2 x DB9 male serial connectors

Package Contents

- 1 x DS-PCIE-100 Card
- 1 x Driver CD

System Requirements

- Windows® 2000/XP/Server 2003/Vista
- PCI Express-enabled system with an available PCI Express slot

Hardware Installation

1. Turn Off the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCIe slot.
4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.
5. Replace the slot bracket's holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

Driver Installation

Please make sure the board is installed before proceeding with driver installation.

For Windows® 2000

1. At the **Found New Hardware Wizard**, click **Next**.
2. Select **Search for a suitable driver for my device (recommended)**, and click **Next**.
3. Check **Specify a location**, uncheck the other boxes, then click **Next**.
4. Insert the Driver CD, type in the following path

D:\Drivers\PCIExpress\DS-PCIE-100\2000, then click **OK**. (Change **D:** to match your CD-ROM driver letter)

5. Click **Next** and **Finish**.
6. Restart Windows to complete the installation.

For Windows® XP

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.
2. Insert the Driver CD, check **Include this location in the search,** uncheck the other box, type in the following path **D:\Drivers\PCIExpress\DS-PCIE-100\XP**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.
4. Repeat steps **1-3** two more times.
5. Restart Windows to complete the installation.

For Windows® Server 2003

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.

2. Insert the Driver CD, check **Include this location in the search,** uncheck the other box, type in the following path **D:\Drivers\PCIExpress\DS-PCIE-100\2003**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.
4. Repeat steps **1-3** two more times.
5. Restart Windows to complete the installation.

For Windows® Vista

1. At the **Found New Hardware Wizard**, select **Locate and install driver software (recommended)**.
2. Click on **I don't have the disc. Show me other options**.
3. Select the option **Browse my computer for driver software (advanced)**.
4. Insert the driver CD, check **Include subfolders**, type in **D:\Drivers\PCIExpress\DS-PCIE-100\Vista32**, then click **Next**. (Change **D:** to match your CD-ROM drive letter)
5. If the system prompts the user informing the drivers are not signed, select the option **Install this driver software anyway**.

6. Click on **Close** to complete the driver installation.

To Verify Windows® Driver Installation

1. Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Click on the **+**(plus sign) in front of **Ports(COM & LPT)**, two **MosChip PCI Serial Port …** should be displayed.
3. Double click **Multifunction adapters**, **MosChip PCI Multi-I/O Controller** should be displayed.

Change COM Port Number

Some serial devices need a specific COM port in order to work. If your serial devices works properly, do not change this setting.

For Windows® 2000/XP/Server 20003/Vista Installation

1. From the **Device Manager** window double click **Ports(COM & LPT)**, then double click the **MosChip PCI Serial Port** you want to change.
2. Click the **Settings** tab and then click **Advanced**.
3. Click the down arrow that is next to the **COM Port Number** box, select a COM port that is not in use, then click **OK**.

4. Click **OK**, then close **Device Manager** to save the changes. Follow steps **1-4** again to change the other serial ports if needed.